Extra Long Range HDMI KVM Extension with Ethernet

GTB-HDKVM-ELR-BLK

Extra Long Range (ELR) KVM Extender for HDMI, USB, Ethernet, and IR over two CAT-5 cables

The GefenToolBox HDKVM ELR is designed to extend HDMI, USB 2.0, Ethernet, and IR from a home theater multimedia PC that can be located up to 330 feet (100 meters) away. The Receiver unit allows the connection of HDMI and two USB devices, providing access to printers, scanners, cameras, external storage media, digital signage, and automated control systems in addition to the display. This product uses Gefen ELR (Extra Long Range) technology, supporting HDBaseT specifications, allowing transmission of HDMI and IR signals along the same CAT-5 cable. USB 2.0 is extended over the second CAT-5 cable. The ethernet ports on both Sender and Receiver units connect to network devices.

How It Works

Place the HDKVM ELR Sender unit next to the PC source. Use the included HDMI cable to connect the PC source to the Sender unit. Use the supplied USB cable to connect the PC source to the Sender unit. Connect the Receiver unit to the HDTV display with an HDMI cable. Connect the USB devices to the Receiver unit. Use two CAT-5 cables, up to 330 feet (100 meters), to connect the Sender unit to the Receiver unit. Connect an IR Blaster from the Sender unit to the Hi-Def source to control the source from the viewing location. Connect an IR Extender cable from the Receiver unit to the Hi-Def source to extend the IR Control. The IR signals are sent back to the source device. Connect the Ethernet port on both the Sender and Receiver to standard network devices. Connect the included locking power supplies to the Sender and Receiver units, and the power supplies to any available electrical outlets..

Features:

- Extends HDMI and IR up to 330 feet (100 meters)
- Extends USB 2.0 up to 330 feet (100 meters)
- Extends Ethernet up to 330 feet (100 meters)
- Supports resolutions up to 1080p Full HD and 1920x1200
- Supports up to 480 Mbps transfer rate using USB 2.0
- EDID management with Local and Pass-through modes
- IR Remote (included)
- Locking power supplies
- Wall-mountable

- Supported HDMI Features:
  - -Resolutions up to 1080p Full HD
  - -12 bit Deep Color
  - -LCPM7.1 Audio, Dolby® TrueHD, and DTS-HD Master Audio™
  - -3DTV Pass-through
  - -CEC Pass-through
  - -Lip Sync Pass-through

Specifications*:

- Maximum Pixel Clock: 225 MHz
- Input Video Signal: 1.2V p-p
- Input DDC Signal: 5V p-p (TTL)
- HDMI Connector (Sender / Receiver): Type A ,19-pin, female
- USB Connector (Sender Unit): Type B
- USB Connectors (Receiver Unit): (2) Type A
- Link Connectors (Sender / Receiver): (2) RJ-45
- Ethernet Connectors (Sender / Receiver): RJ-45
- IR Extender (Receiver Unit): 3.5 mm mini stereo jack
- IR Blaster (Sender Unit): 3.5 mm mini stereo jack
- Power Supply (Sender / Receiver): 5V DC, Locking
- Power Consumption: 10W per unit (max.)
- Operating Temperature: 0 - 40 °C
- Dimensions: 3.4" W x 4.9" H x 1.2" D
- SShipping Weight: 3 lbs.

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